Attachment 3 - Pricing Schedule/Sl

Contractor shall identify all of its current GSA Schedule labor/skill categories that will meet or exceed th

Contractor Name: OST Inc. **GSA Schedule No:**

CONTRACTOR/GOVERNM

Applicable SIN	Labor Category Description	GSA Schedule Ceiling Rate
132-51	Program Manager	$ 186.26
132-51	Project Manager I	$ 136.80
132-51	Task Manager II	$ 108.44
132-51	Senior Consultant II	$ 193.46
132-51	System Architect I	$ 160.58
132-51	System Engineer V/ Programmer V	$ 159.45
132-51	System Engineer IV	$ 142.13
132-51	System Engineer III/ Analyst III/ Qual. Assurance Specialist II	$ 127.47
132-51	System Engineer II	$ 104.70
132-51	System Engineer I	$ 94.85
132-51	Programmer III	$ 117.86
132-51	Programmer II	$ 104.70
132-51	Programmer I	$ 98.00
132-51	Analyst IV	$ 146.60
132-51	Analyst II	$ 104.70
132-51	Network Engineer VI	$ 122.56
132-51	Network Engineer V	$ 104.70
132-51	Technician I	$ 58.02
132-51	Help Desk II	$ 66.87
132-51	Operator I	$ 45.41
132-51	Technical Writer II	$ 73.62
132-51	Administrative III	$ 77.63
132-51	Administrative II	$ 61.66
132-51	Administrative I	$ 45.29

Contractor Name: Science Applications International Corporation (SAIC) **GSA Schedule No:**

		CONTRACTOR SIT
Applicable SIN	**Labor Category Description**	**GSA Schedule Ceiling Rate**
132-51, 132-34	Administrative Support	$ 36.93
132-51, 132-34	Data Warehouse Specialist I	$ 73.91
132-51, 132-34	Data Warehouse Specialist II	$ 87.47
132-51, 132-34	Data Warehouse Specialist III	$ 110.85
132-51, 132-34	Data Warehouse Specialist IV	$ 123.20
132-51, 132-34	Data Warehouse Specialist V	$ 135.51
132-51, 132-34	Hardware/Software Installation Technician	$ 89.58
132-51, 132-34	Hardware/Software Specialist	$ 97.73
132-51, 132-34	Information Engineer I	$ 44.32
132-51, 132-34	Information Engineer II	$ 58.52
132-51, 132-34	Information Engineer III	$ 71.50
132-51, 132-34	Information Engineer IV	$ 84.50
132-51, 132-34	Information Engineer V	$ 101.29
132-51, 132-34	Jr. Systems Analyst	$ 94.81
132-51, 132-34	Jr. Systems Engineer	$ 94.81
132-51, 132-34	Operations Manager	$ 143.08
132-51, 132-34	Program Manager	$ 172.18
132-51, 132-34	Project Control Specialist	$ 82.30
132-51, 132-34	Quality Assurance Analyst	$ 82.30
132-51, 132-34	Sr. Programmer Analyst	$ 118.18
132-51, 132-34	Sr. Software Engineer	$ 111.82
132-51, 132-34	Sr. Systems Analyst	$ 120.87
132-51, 132-34	Sr. Systems Engineer	$ 150.84
132-51, 132-34	Sr. Systems Integration Engineer	$ 217.31
132-51, 132-34	Software Engineer	$ 98.82
132-51, 132-34	Subject Matter Expert	$ 242.25
132-51, 132-34	Systems Administrator	$ 111.04
132-51, 132-34	Systems Analyst	$ 108.28
132-51, 132-34	Systems Architect	$ 153.18
132-51, 132-34	Systems Engineer	$ 111.82
132-51, 132-34	Systems Integration Engineer	$ 182.88
132-51, 132-34	Systems Operator	$ 96.94

(b) (4)

Contractor Name:	Science Applications International Corporation (SAIC)	GSA Schedule No:
		GOVERNMENT SIT

Applicable SIN	Labor Category Description	GSA Schedule Ceiling Rate
132-51, 132-34	Administrative Support	$ 32.54
132-51, 132-34	Data Warehouse Specialist I	$ 65.04
132-51, 132-34	Data Warehouse Specialist II	$ 76.96
132-51, 132-34	Data Warehouse Specialist III	$ 97.58
132-51, 132-34	Data Warehouse Specialist IV	$ 108.41
132-51, 132-34	Data Warehouse Specialist V	$ 119.26
132-51, 132-34	Hardware/Software Installation Technician	$ 78.85
132-51, 132-34	Hardware/Software Specialist	$ 86.00
132-51, 132-34	Information Engineer I	$ 39.00
132-51, 132-34	Information Engineer II	$ 51.51
132-51, 132-34	Information Engineer III	$ 62.93
132-51, 132-34	Information Engineer IV	$ 74.37
132-51, 132-34	Information Engineer V	$ 89.14
132-51, 132-34	Jr. Systems Analyst	$ 83.44
132-51, 132-34	Jr. Systems Engineer	$ 83.44
132-51, 132-34	Operations Manager	$ 125.91
132-51, 132-34	Program Manager	$ 150.54
132-51, 132-34	Project Control Specialist	$ 72.42
132-51, 132-34	Quality Assurance Analyst	$ 72.42
132-51, 132-34	Sr. Programmer Analyst	$ 104.00
132-51, 132-34	Sr. Software Engineer	$ 98.40
132-51, 132-34	Sr. Systems Analyst	$ 106.38
132-51, 132-34	Sr. Systems Engineer	$ 132.73
132-51, 132-34	Sr. Systems Integration Engineer	$ 189.39
132-51, 132-34	Software Engineer	$ 86.97
132-51, 132-34	Subject Matter Expert	$ 216.82
132-51, 132-34	Systems Administrator	$ 97.71
132-51, 132-34	Systems Analyst	$ 95.30

132-51, 132-34	Systems Architect	$	134.81
132-51, 132-34	Systems Engineer	$	98.40
132-51, 132-34	Systems Integration Engineer	$	147.81
132-51, 132-34	Systems Operator	$	85.30

* SAIC (CPA/CTA Partner) rates are inclusive of all costs, including the 8% G&A to cover the Lead's admi

kill Category CLIN Listing Table

he requirements of this BPA.

Information Technology IT Schedule (70)	# GS-35F-0820M

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MDR (Minimum Discount Rate)	Resulted Discounted Labor Rate YEAR 1	Resulted Discounted Labor Rate YEAR 2	Resulted Discounted Labor Rate YEAR 3	Resulted Discounted Labor Rate YEAR 4	Resulted Discounted Labor Rate YEAR 5
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					$ [redacted]

Information Technology IT Schedule (70)	# GS-35F-4461G

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MDR (Minimum Discount Rate)		Resulted Discounted Labor Rate YEAR 1	Resulted Discounted Labor Rate YEAR 2	Resulted Discounted Labor Rate YEAR 3	Resulted Discounted Labor Rate YEAR 4	Resulted Discounted Labor Rate YEAR 5
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Information Technology IT Schedule (70)	# GS-35F-4461G										
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MDR (Minimum Discount Rate)		Resulted Discounted Labor Rate YEAR 1		Resulted Discounted Labor Rate YEAR 2		Resulted Discounted Labor Rate YEAR 3		Resulted Discounted Labor Rate YEAR 4		Resulted Discounted Labor Rate YEAR 5	
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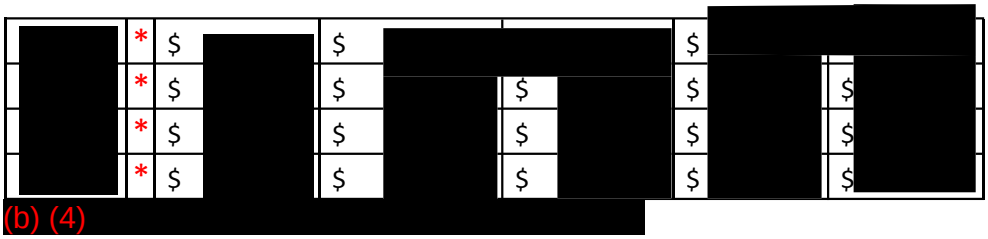
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(b) (4)

Contractor Name:

Labor Category*
Program Manager
Project Manager I
Task Manager II

Senior Consultant II
System Architect I
System Engineer V
System Engineer IV
System Engineer III

System Engineer II
System Engineer I
Programmer V
Programmer III
Programmer II
Programmer I
Analyst IV

Analyst III
Analyst II
Qual. Assurance Specialist II
Network Engineer VI
Network Engineer V

Technician I
Help Desk II
Operator I
Technical Writer II
Administrative III
Administrative II

Administrative I

*Prices may be adjusted if call or

Contractor Name:

*SAIC is a FORTUNE 500® scientif
energy & environment, health an
Homeland Security, other U.S. Gc

SAIC is well-positioned to success
Air Force Academy (herein referr
to select the appropriate the GSA
BPA to cover the scope of future

Labor Category
Administrative Support

Data Warehouse Specialist I
Data Warehouse Specialist II
Data Warehouse Specialist III

Data Warehouse Specialist IV
Data Warehouse Specialist V

Hardware/Software Installation Technician
Hardware/Software Specialist
Information Engineer I

Information Engineer II

Information Engineer III

Information Engineer IV

Information Engineer V
Jr. Functional Specialist

Jr. Programmer Analyst
Jr. Systems Analyst
Jr. Systems Engineer

Network Architect
Operations Manager
Production Control Specialist

Program Manager
Programmer Analyst
Project Control Specialist

Quality Assurance Analyst
Sr. Programmer Analyst
Sr. Software Engineer

Sr. Systems Analyst
Sr. Systems Engineer
Sr. Systems Integration Engineer

Software Engineer
Subject Matter Expert
Systems Administrator
Systems Analyst

Systems Architect

Systems Engineer

Systems Integration Engineer
Systems Operator

OST Inc.

Functional Responsibilites
Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of all contractual deliverable items. Serves as the contractor's authorized point of contact with the customer and is responsible for overall contract task performance. Responsible for formulating and enforcing work standards, assigning schedules, reviewing work discrepancies, supervising technical personnel, hiring and termination, and communicating policies, purposes, and goals of the organization to subordinate personnel. Responsible for ensuring that all required resources including manpower, funds, production components, computer time, and facilities are available for program implementation and completion. Responsible for the supervision of subordinate managers, engineers, scientists, analysts, and technicians
Under close supervision, is responsible for the lead management and technical direction of a project, or multi‐task projects. Responsible for project performance including cost, schedule, deliverables, and contractual compliance, and is accountable for the quality and timely delivery of all project deliverable items. Serves as a contractor's authorized technical interface with the customer and is responsible for overall project/task performance. Responsible for enforcing work standards, task schedules, reviewing work discrepancies, supervising technical personnel, recommending project hires and terminations, and communicating policies, purposes, and goals of the organization to subordinate personnel. Responsible for the budgeting of all required resources including manpower, funds, production components, computer time, and facilities that are required for project implementation and completion. Responsible for the supervision of subordinate engineers, scientists, analysts, and technicians.
Manages day-to-day task activities and keeps the Program or Project Manager abreast of all problems and accomplishments. Anticipates problems, and works to mitigate the anticipated problems. As a task leader, provides technical direction for the completion of information technology support tasks and may serve as an authority for a technical subject area. As a staff specialist, resolves technical problems using appropriate technology. Can complete tasks within estimated time frames and budget constraints. Schedules and assigns duties to subordinates. Interacts with government management personnel. Reports in writing and orally to contractor management and government representatives, including the government contracting officer.

Consultant assists others in developing programs and implementing creative and innovative solutions to the customer's problems. Researches and analyzes customer requirements. Consultant applies knowledge to determine the accuracy and reasonableness of the data, recommendations, and solutions developed. Documents and summarizes the results and develops and recommends creative and innovative solutions to the customer's problems. Usually supports a program or project manager but may support a task manager.
Under occasional supervision, applies a wide set of engineering disciplines for planning, design, analysis, specification development, coding, and construction of computer and telecommunications information systems architectures. Assists in designing interface standards, quality assurance standards, performance standards, and cost-benefit analysis of state of the art information systems. Uses Rational, Borland Suite, Erwin and other tools to perform functions.
Responsible for all life cycle support functions associated with the systems engineering of large computer and information system projects. Oversees and performs research, planning, design, cost-¬benefit trade off analysis, specification development, and all aspects of systems analysis of IT systems. Responsible for standards and interface development, certifications, and test and evaluations of complex systems. Responsible for the supervision of subordinate systems engineers.
Responsible for all life cycle support functions associated with the systems engineering of large computer and information system projects. Oversees and performs research, planning, design, cost-benefit trade off analysis, specification development, and all aspects of systems analysis of IT systems. Responsible for standards and interface development, certifications, and test and evaluations of complex systems. Responsible for the supervision of subordinate systems engineers.
Under little or no supervision, performs all life cycle support functions associated with the systems engineering of large computer and information system projects. Performs research, planning, design, cost benefit trade off analysis, specification development, and all aspects of systems analysis of IT systems. Responsible for standards and interface development, certifications, and test and evaluations of complex systems.

Under close supervision, performs all life cycle support functions associated with the systems engineering of large computer and information system projects. Performs research, planning, design, cost¬-benefit trade off analysis, specification development, and all aspects of systems analysis of IT systems. Responsible for standards and interface development; certifications; and test and evaluations of complex systems.
Under close supervision, performs all life cycle support functions associated with the systems engineering of large computer and information system projects. Performs research, planning, design, cost¬-benefit trade off analysis, specification development, and all aspects of systems analysis of IT systems. Responsible for standards and interface development; certifications; and test and evaluations of complex systems.
Responsible for and applies expertise in programming procedures to complex software modules and packages, including operating systems and application software. Develops specifications for software programming applications, or modifies/maintains existing software modules, including design, code, test, and evaluation. Participates in all life cycle phases of software development with emphasis on the planning, testing, programming, and acceptance phases. Responsible for the supervision of subordinate software programmers
Responsible for and applies expertise in programming procedures to complex software modules and packages, including operating systems and application software. Develops specifications for software programming applications, or modifies/maintains existing software modules, including design, code, test, and evaluation. Participates in all life cycle phases of software development with emphasis on the planning, testing, programming, and acceptance phases. Responsible for the supervision of subordinate software programmers.
Under little or no supervision, applies expertise in programming procedures to complex software modules and packages, including operating systems and application software. Develops, or assists in the development of specifications for software programming applications, or modifies/maintains existing software modules, including design, code, test, and evaluation. Participates in all life cycle phases of software development with emphasis on the planning, testing, programming, and acceptance phases.
Under constant supervision, applies expertise in programming procedures to complex software modules and packages, including operating systems and application software. May assist in developing specifications for software programming applications, or modifying/maintaining existing software modules, including design, code, test, and evaluation. May participate in some or all phases of software development with emphasis on the planning, testing, programming, and acceptance phases.
Responsible for applying systems analysis and design techniques to complex computer systems. Schedules and reviews all life cycle support functions associated with the design of complex information system projects. Designs programs using flowcharts, data flow diagrams, and/or pseudo code. Uses complexity meters to assess programs and recommends improvements, and assess operating systems performance. Uses relational theory to assess normality of databases and recommends improvements. Develops procedures, manuals, and other documentation for complex information systems. Responsible for the supervision of subordinate systems analysts.

Under little or no supervision, applies systems analysis and design techniques to complex computer systems. Schedules and reviews all life cycle support functions associated with the design of complex information system projects. Designs programs using flowcharts, data flow diagrams, and/or pseudo code. Uses complexity meters to assess programs and recommends improvements, and assess operating systems performance. Uses relational theory to assess normality of databases and recommends improvements. Develops procedures, manuals, and other documentation for complex information systems.
Under little or no supervision, applies systems analysis and design techniques to complex computer systems. Schedules and reviews all life cycle support functions associated with the design of complex information system projects. Designs programs using flowcharts, data flow diagrams, and/or pseudo code. Uses complexity meters to assess programs and recommends improvements, and assess operating systems performance. Uses relational theory to assess normality of databases and recommends improvements. Develops procedures, manuals, and other documentation for complex information systems.
Under little or no supervision, develops and implements quality assurance standards, guidelines, and procedures related to IT or IT related services. Develops and defines major and minor characteristics of quality, including quality metrics and scoring parameters, and determines requisite quality control resources for IT initiatives. Establishes and maintains a process for evaluating hardware, software, and associated documentation and / or assists in the evaluation. Conduct and / or participates in formal and informal reviews at predetermined points through the development life cycle. Applies systems analysis and design techniques to complex computer systems. Schedules and reviews all life cycle support functions associated with the design of complex information system projects. Designs programs using flowcharts, data flow diagrams, and/or pseudo code. Uses complexity meters to assess programs and recommends improvements, and assess operating systems performance. Uses relational theory to assess normality of databases and recommends improvements. Develops procedures, manuals, and other documentation for complex information systems.
Under little or no supervision, provides for the management and technical administration of modem computer and telecommunications networks. Oversees the day-to-day activities of the system and is responsible for all applications running on the network. Manages, or assists in managing LAN/WAN/MAN related systems including software applications, communications, security, electronic mail, bulletin boards, UPS service, external communication links, scheduling, troubleshooting, and printing services. Monitors and responds to complex technical hardware and software problems utilizing a variety of network testing tools and techniques. Optimizes network topology and services using sophisticated network tools and benchmarks and maintains network management records. Certified as a network engineer in at least one network communications protocol.
Provides functional guidance and direction in network planning, design, integration, analysis, operating system programming, communications protocols, test and evaluation, trouble shooting, training, and documentation support of modem computer and telecommunications networks. Responsible for selection and implementation of interface standards, quality assurance, performance benchmarks, reliability, and administration of modem state-of-the art information systems. Certified as a network engineer in at least one network communications protocol. Responsible for the supervision of subordinate information systems network engineers.

Under supervision, assists in the assessment of current site network configuration and user requirements. Develops installation schedules, participates in network / hardware installation. Coordinates post installation operation and maintenance support.
With little daily supervision, provides telephone and in-person support to users in the areas of e-mail, directories, standard desktop applications, and applications developed under this contract or predecessors. Serves as the initial point of contact for troubleshooting hardware/software and printer problems.
Operates computer systems, peripherals and support equipment conforming to the site specific operating procedures. Monitors and supports computer processing reporting and deviations from established standards. Assists in determining equipment settings and operating instructions. Coordinates input, output, and file media. Distributes output and controls computer operation on multiple platforms. Performs required preventive maintenance.
Under little or no supervision, responsible for collecting, analyzing, composing, and translating technical information into clear, readable documents to be used by both technical and non technical personnel. Organizes material and writes descriptive copy according to established government and industry standards regarding order, clarity, conciseness, style, and terminology. Reviews published materials and recommends revisions or changes in scope, format, content, and methods of reproduction and binding. May select photographs, drawings, sketches, diagrams, and charts to illustrate material. Uses automated tools, including computer terminals and word processing or desktop publishing software in performing assigned duties.
Responsible for the effective administration of the business operations for an office, department, or division. Assures that acceptable administrative services are provided to the client within budget, on schedule and with a minimum of disruption. Assist in the preparation of budgets. Carries out recurring office procedures independently. Reviews outgoing materials and correspondence for internal consistency and conformance with office procedures; assures that proper clearances have been obtained. Composes correspondence requiring some technical understanding. Assigns and supervises the work of support personnel.
Responsible for the effective administration of the business operations for an office, department, or division. Assures that acceptable administrative services are provided to the client within budget, on schedule and with a minimum of disruption. Assist in the preparation of budgets. Carries out recurring office procedures independently. Reviews outgoing materials and correspondence for internal consistency and conformance with office procedures; assures that proper clearances have been obtained. Composes correspondence requiring some technical understanding. Assigns and supervises the work of support personnel.

Responsible for the effective administration of the business operations for an office or department. Assures that acceptable administrative services are provided to the client within budget, on schedule and with a minimum of disruption. May assign and supervise the work of support personnel. Performs administrative assignments requiring the ability to follow directions and procedures. Proofreads for error and proper format. Other duties include reviewing materials to be typed, answering telephones, taking messages, and making copies. May also perform receptionist duties as required. May also provide conference and meeting support.

ders require Secret/Top Secret/SCI clearance.

Science Applications International Corporation (SAIC)

fic, engineering and technology applications company that uses its deep domain knowledge to solve problems
ıd cybersecurity. The company's approximately 41,000 employees serve customers in the U.S. Department of
overnment civil agencies and selected commercial markets.

sfully support the Information Technology Applications (IITA) Program supporting Information Technology, Ge
ed to as “IITA BPA”). SAIC applied our comprehensive knowledge of geospatial services and depth of experien
A IT Schedule Labor Categories for the IITA BPA. SAIC selected the following 40 labor categories out of the 87
projects and deliverables anticipated in BPA Call Orders.

Functional Responsibilites
Provides administrative-type support to technical and management-level personnel. This includes, but is not limited to, documentation planning and support, project administration, general office support, executive secretarial support, human resource planning, event planning and administration, office relocation planning, etc. Specializes in coordinating and planning office administration and support. Reports directly to a client, usually at the client location, to support its operations as required. Understands and provides documentation planning and support, project administration, general office support, executive secretarial support, human resource planning, event planning and administration, office relocation planning, etc. required in changing office environments. May perform other duties as assigned.

Performs as a Data Warehouse Developer on large-scale database management systems. Knowledge of computer equipment and ability to develop complex software to satisfy design objectives including GIS data warehousing, spatial data library management, conducting spatial data queries, Cloud Optimized Storage (COS), Storage as a Service, Infrastructure as a Service (IAAS) and Data Multi-tenancy concepts.

Principal Duties and Responsibilities

1.Analyzes functional business applications and design specifications for functional activities.
2.Develops block diagrams and logic flow charts.
3.Translates detailed design into computer software.
4.Prepares required documentation, including both program-level and user-level documentation.
5.Demonstrated ability to work independently with minimal supervision.

Utilizes multidimensional database(s) on large-scale database management systems, uses OnLine Analytical Processing (OLAP) Access Tool, and ability to develop complex software to satisfy design objectives including spatial data modeling, GIS data management, Cloud Optimized Storage (COS), Storage as a Service, Infrastructure as a Service (IAAS) and Data Multi-tenancy.

Principal Duties and Responsibilities

1.Analyzes and develops functional business applications and design specifications for functional activities.
2.Tests, debugs, and refines the computer software to produce the required product.
3.Enhances software to reduce operating time or improve efficiency.
4.Demonstrated ability to work independently under minimal supervision.

Performs as a Data Warehouse Developer using OLAP tools on large-scale database management systems, knowledge of computer equipment, and ability to develop complex software to satisfy design objectives including spatial data modeling, GIS data management, Cloud Optimized Storage (COS), Storage as a Service, Infrastructure as a Service (IAAS) and Data Multi-tenancy concepts.

Analyzes and develops computer software processing a wide range of capabilities, including data warehouse technologies, business data model, Executive Information Management, and Decision Support System. Analyzes user interfaces, maintain hardware and software performance tuning, analyze workload and computer usage, maintain interfaces with outside systems, analyze proposed system modifications, upgrades and new COTS. Provides technical direction to junior staff.

Performs as a Data Warehouse Developer/Administrator on large-scale database management systems, knowledge of computer equipment, and ability to develop complex software to satisfy design objectives. Possesses ability to assume increasing responsibilities in data mart information system design and management including spatial data modeling, GIS data management, GIS workflow modeling, Cloud Optimized Storage (COS) modeling, Storage as a Service design, Infrastructure as a Service (IAAS) and Data Multi-tenancy data segregation modeling.

Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with Project and/or Program Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations.
Prepares milestone status reports and deliveries / presentations on the system concept to colleagues, subordinates, and end user representatives.
Provides daily supervision and technical direction to staff to ensure program deadlines are met.

Performs as a Data Warehouse Developer/Administrator on large-scale database management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Possesses ability to assume increasing responsibilities in enterprise data warehouse project information system design and management including spatial data modeling, enterprise GIS data management, enterprise GIS design and enterprise spatial data integration, Cloud Optimized Storage (COS) modeling, Storage as a Service design, Infrastructure as a Service (IAAS) and Data Multi-tenancy data segregation modeling.

Principal Duties and Responsibilities

1.Applies an enterprise-wide set of data warehouse disciplines for the planning, analysis, data refinement, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise.
2.Develops analytical and computational techniques and methodology for problem solutions.
3.Performs enterprise-wide strategic systems planning, business information planning, business and analysis.
Provides daily supervision and direction to organization.

Conducts sites surveys; assesses and documents current site configuration and user requirements and installs new configurations such as operations systems, databases, ESRI, ArcGIS, ArcSDE, ArcServer, Image Server and Apache Tomcat. Designs and optimize network topologies. Analyzes existing requirements and prepares specifications for hardware/software acquisitions. Prepares engineering plans and site installation Technical Design Packages. Develops hardware/software installation schedules. Prepares drawings documenting configuration changes at each site. 6.Prepares site installation and test reports. Configures systems, communications devices, and peripheral equipment. Installs network hardware/software. Trains site personnel in proper use of hardware/software. Builds specialized interconnecting cables. May be responsible for installing deal-stack IPv4/Internet Protocol version 6 (IPv6) networks.
Reviews computer systems in terms of machine capabilities and man-machine interface. Prepares reports and studies concerning hardware/software for systems and applications such as ESRI, ArcGIS, ArcSDE, ArcServer, Image Server, Apache Tomcat, Virtual Desktop Infrastructure (VDI), Software delivered as a Service, and the Cloud Essential Infrastructure Stack (Hypervisor, Compute, Storage and Network). Prepares functional requirements and specifications for hardware/software acquisitions. Ensures that problems have been properly identified and solutions will satisfy the user's requirements.
Performs as an applications programmer on large-scale database management systems, knowledge of computer equipment, and ability to develop complex software to satisfy design objectives for requirements such as GIS data/ metadata standards, Cloud Computing mulit-tenancy data, data virtualization strategies for delivering Storage as a Service, and Platform as a Service information management. Analyzes application software and design specifications for information process activities. Develops block diagrams and logic flow charts. Translates detailed design into application software. Tests, debugs, and refines the application software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. May serve as Tier 1 support to users and involved with trouble-shooting system operations. Works under general supervision.

Works with Ada, SQL, JAVA, .NET, ArcXML, ArcIMS. ArcSDE, Oracle Spatial, third/fourth generation languages, XML, SOAP, REST, resource pooling, and rapid elasticity in the design and implementation of systems and using database management systems. Possesses ability to assume increasing responsibilities in information engineering activities. Knowledgeable of applicable standards and provides general technical support.

Analyzes and studies complex information system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques and Computer Aided Software Engineering (CASE) tools. Provides input to estimate software development costs and schedule. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. May manage, coordinate, or install system upgrades. Uses diagnostic software to test and isolate ADPE to validate functionality. May provide system analysis and integration and oversee system operations.
Often assists with monitoring system performance and security and sets up terminal/printer queues. Provides in-service support for proper use of system software, hardware, or applications and provides Tier 1 technical support for ADPE. Works independently under minimal supervision.

Performs information systems development, functional and data requirements analysis, systems analysis and design, programming, program design, program in .net and JAVA system upgrades and documentation preparation. Implements information engineering projects, systems analysis, design and programming using CASE and IE tools and methods, systems planning, geospatial information management, Cloud Computing resource pooling for multi-tenenancy planning, Cloud Computing Information Lifecycle Management, business information planning, and business analysis.

Applies business process improvement practices to re-engineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques. Assists in establishing standards for information systems procedures. Develops and applies organization-wide information plans and models for use in designing and building integrated, shared software and database management systems. Constructs logical business improvement opportunities consistent with corporate Information Management guiding principles, cost savings, and open system architecture objectives. Manages planned projects for overall installation of application and network systems. Develops action plans with milestones for system upgrades.
Provides technical leadership for analysis, integration and support of new products, interfaces and performance enhancements. Analyzes and resolves system software issues. Administers accounts and system access as needed. Assists with the development of training curriculum for customer orientation and use of new and improved systems. Also assists with application customization through process analysis and workflow development including advising customers of database file & table configuration best practices. Possesses the ability to work independently.

Performs systems management, development, functional and data requirements analysis, systems analysis and design, programming, program design including GIS, spatial data, Cloud Computing federated and multi-tenant data and documentation preparation. Manages the implementation of information engineering projects and performs systems analysis, design and programming selecting CASE or IE tools and methods, e.g., Oracle CASE, IEF CASE, I-CASE. Works in the client/server environment and distributed environments based on SOA and Cloud Computing environments (Public, Private, Hybrid, Community). Utilizes managerial and supervisory skills. Prepares written and oral communications, including giving formal presentations to different audiences.

Applies an enterprise-wide set of disciplines for the management, planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Utilizes various methodologies, e.g., IDEF 0 process modeling and IDEF 1X data modeling. Manages and coordinates planned system and implementation activities including system upgrades, security, allocation of resources, availability, and in-service training. Manages tasks, priorities and objectives. Responsible for customer support and quality & timeliness of services. Provides daily supervision and direction to staff.

Performs information systems management, development, functional and data requirements, geospatial data modeling, Cloud Computing data modeling, analysis, systems analysis and design, programming, program design, and documentation preparation. Manages the implementation of information engineering projects and experience in systems analysis, geospatial process workflow management , GIS system design, Cloud Computing Delivery/Deployment multi-tenant system design, creation of Cloud Services to provide data on demand and programming using CASE and IE tools and methods, e.g., Oracle CASE, IEF CASE, I-CASE and distributed environments based on SOA and Cloud Computing environments (Public, Private, Hybrid, Community). Utilizes managerial and supervisory skills. Prepares written and oral communications skills, including giving formal presentations to different audiences.

Applies an enterprise-wide set of disciplines for the management, planning, coordination, analysis, design, and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Familiar with various methodologies, e.g., IDEF 0 process modeling and IDEF 1X data modeling. Controls and maintains technical documents. Provides daily supervision and technical guidance in software engineering and system operational techniques and automated support tools to local and remote supporting staff. Advises customers on database file and table build configuration best practices. Manages and coordinates planned system and implementation activities including system upgrades, security, allocation of resources, availability, and in-service training.
Manages tasks, priorities and objectives. Assists in the development and implementation of site policies and procedures. May provide train-the-trainer and ad hoc report writing training and assistance. Responsible for customer support and quality & timeliness of services.

Develops functional requirements relating to complex integrated information technology systems.

Develop and provide skills and disciplines on a variety of information technology issues. Assist the Functional Specialist.
Specialized skills include, but are not limited to, information planning, communications, systems administrations, quality assurance, video teleconferencing and microcomputer training.

Works under supervision to support the activities of a Programmer Analyst. Assists in the support of the maintenance and operating efficiency of a major system, such as the teleprocessing network, database management system, and also can support ArcXML, ArcServer, ArcIMS, Apache TomCat, JAVA, Web-Based GIS Applications using .NET or JAVA, GIS data conversion, digitizing, GIS programmer, Arc Object Model, and geocoding.

Assists programmer analysts in the assessment of the performance of appropriate software systems to identify and correct problems which impact operation and work quality. Assists in analyzing performance indicators such as system response time and number of programs being processed to ensure operational efficiency. Codes, in accordance with specific design parameters, system software modules as directed by the Programmer Analyst. Assists in the identification, evaluation, customizing and implementation of vendor-supplied software packages. Assists in the support of special systems regenerations, where applicable, to reflect changes in peripheral configurations. Assists the Programmer Analyst in end user training in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned.

Under supervision, performs systems analysis of computer and communications/network systems. Supports the installation of computer operating systems, including GIS platforms, network, and application software, computer/network hardware, hypervisors and other Cloud Computing infrastructure components, SOA software (ESBs, Web Servers, Business Process Software, Portal Servers). Provides hotline support to customers. Possesses troubleshooting skills to assist Systems Analysts, spatial data conversions and distributed computer systems.

Performs systems analysis of computer and networking systems. Supports a Systems Analyst, as required. Technically supports the overall integration of all systems peripherals so that they operate correctly within a predefined environment. Provides hotline support to customers. Develops technical documentation detailing the installation procedures. May perform other duties, as assigned.

Under supervision, assists in defining and executing systems engineering activities within a project. These activities may consist of systems planning, information security planning, geospatial design and management, SOA and Cloud Computing architecture, performance management, capacity planning, testing and validation, risk assessment, system assessment, gap analysis, benchmarking, information engineering, and development and staffing of a systems engineering or security management plan.

Performs systems engineering planning, information security planning, performance management, capacity planning, testing and validation, risk assessment, benchmarking, information engineering, security impact analysis. Development and staffing of a systems engineering or security management plan. Supports a Systems Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance or information security. May analyze security implications of authentication and authorization of Cloud based services spanning all the Delivery Models (SaaS, PaaS, Iaas). May analyze security implications of transitioning from IPv4 to Internet Protocol version 6 (IPv6). May perform other duties as assigned.

Has broad, high-level knowledge of telecommunications, SOA and Cloud Computing network architectures for Government applications. Possesses the capability to direct, design, or develop network architecture plans, implementation or cutover plans, integration plans, or interoperability plans based on different telecommunications and business environments. Has the ability to use experience and technical judgment to reach conclusions in the face of limited and/or uncertain data. Able to develop network architecture Requests for Proposals (RFPs) and to evaluate responses to RFPs. Supervises or manages the network architecture planning and is considered a leading expert in the field. Capable of supervising multiple teams of specialty Engineers working on highly complex network architecture projects. Provides lead analysis for translating customer needs into the design of networks. Provides leadership or direction on innovative research associated with the development of network architectures. Performs management responsibilities for a program or staff for network architecture projects. Provides in-depth analysis on network interoperability, topologies, technologies, interfaces, and protocols. May be responsible for designing the Cloud Computing Network stack to enable broad network access to ensure on- demand self-services across Cloud Deployment Models (Public, Private, Community, Hybrid). May be responsible for designing virtual network as service and the network for Cloud Optimized Storage. May be responsible for designing new Internet Protocol version 6 (IPv6) networks and/or planning transition from IPv4 to IPv6. May perform other duties as required.
Manages computer operations. Ensures production schedules are met. Ensures computer system resources are used effectively. Coordinates the resolution of production-related problems. Ensures proper relationships are established between customers, teaming partners, and vendors to facilitate the delivery of information technology services. Provides users with computer output. Supervises staff operations.
Provides support necessary to manage a medium to large-scale computer system in the area of execution toward delivery of final product utilizing a predefined and documented set of procedures and directions. Analyze system input data to determine applicability to client requirements. Develop procedures to determine validity of reports produced during system execution. Analyze error transactions to determine corrective action. Develop simple ad hoc programs using a state of the art retrieval system when input is provided through predefined parameters and operations scheduling and/or computer data library functions.

Directs the performance of a variety of related projects, which may be organized by technology, program, or client. Oversees the technology development and/or application, marketing, and resource allocation within a program client base. Program areas typically represents more than three functional areas that may include engineering, GIS and geospatial, systems analysis, quality control, administration, etc. Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of all contractual items. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point-of-contact with client regarding program activities. Ensures that all required resources including manpower, production standards, computer time, and facilities are available for program implementation. Manages program consisting of multiple projects including project identification, design, development, and delivery. Maintains the development and execution of business opportunities based on broad, general guidance. Confers with project manager to provide technical advice and to assist with problem resolution. Responsible for marketing new technology and follow-on business acquisitions. May perform other duties as assigned.
Works under supervision to support the activities of a Sr. Programmer Analyst. Supports the maintenance and operating efficiency of a major subsystem, such as the teleprocessing network, GIS spatial data integration or database management systems, etc. Support the continual assessment of the performance of appropriate software systems to identify and correct problems which impact operation efficiency and work quality. Analyzes performance indicators such as system's response time and number of programs being processed to ensure operational efficiency. Designs, codes, installs, and maintains appropriate systems software program. Supports the identification, evaluation, customizing and implementation of vendor-supplied software packages. Supports special system regenerations where applicable to reflect changes in peripheral configuration. Ensures the maintenance of adequate software systems documentation. Trains users in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned.
Oversees financial management and administrative activities, such as budgeting, manpower resource planning, and financial reporting. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues, which would require a report and recommend solutions. Develops work breakdown structures, prepare charts, tables, graphs, and diagrams to assist in analyzing problems. Provides daily supervision and direction to staff.

Establishes and maintains a process for evaluating systems and associated documentation. Determines the resources required for quality control. Maintains the level of quality throughout the project life cycle. Conducts formal and informal reviews at pre-determined points throughout the development life cycle. Provides technical and administrative direction for personnel performing systems development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure government standards/requirements are adhered to, and for progress in accordance with schedules. Coordinates with the Project Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives.
Works independently, with management review of end results. Has prime accountability for the maintenance and operating efficiency of a major subsystem, such as the teleprocessing network, a database management systems or a GIS data application or integration. Continually assess the performance of appropriate software systems to identify and correct problems which impact operation efficiency and work quality. Maintains active liaison with user personnel to ensure continuing responsiveness of applicable system software user requirements. Analyzes performance indicators such as system's response time and number of programs being processed to ensure operational efficiency. Designs, codes, installs, and maintains appropriate systems software program. 5.Identifies, evaluates, tailors, and directs the implementation of vendor-supplied software packages. Performs special system regenerations where applicable to reflect changes in peripheral configuration. Ensures the maintenance of adequate software systems documentation. Recommends to management the purchase or lease of system software packages and related hardware. Provides technical assistance to less experienced systems software personnel in the resolution of complex system-related problems. Trains users in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned.
Directs the performance of a variety of highly technical projects which may be organized by technology, program or client. Oversees the technology development and/or application, enterprise and multi-agency geospatial project design, marketing, and resource allocation within program client base. Program areas typically include engineering, integration, test, systems analysis, quality assurance, etc. Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of all contractual items. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point of contact with client regarding program activities. Ensures that all required resources are available for program implementation. Maintains the development and execution of business opportunities based on broad, general guidance. Confers with project manager to provide technical advice and to assist with problem resolution. May perform other duties as assigned.

Acts as a lead in performing systems analysis of computer and communications/networks systems. Oversees the overall installation of computer operating systems, network, and application software, hypervisors and other Cloud Computing infrastructure components, SOA software (ESBs, Web Servers, Business Process Software, Portal Servers). Has ability to adapt to new situations and environments. Possesses keen troubleshooting skills to assist other Sr. Systems Analysts and Program Managers to analyze enterprise information and geospatial architectures, process workflow management, ESRI technology, Oracle Spatial, and Web services.

Performs systems analysis of computer and networking systems. Supports other Sr. Systems Analysts and Program Managers, as required. Oversees the overall integration of all systems peripherals so that they can operate correctly within a predefined environment.
Oversees hotline support to customers. Analyzes and develops technical documentation detailing the installation procedures. May perform other duties, as assigned.

Acts as a lead in defining and executing systems engineering activities within a project such as process definition and workflow management. These activities may consist of systems planning, information security planning, performance management, capacity planning, testing and validation, risk assessment, benchmarking, information engineering, and development and staffing of a systems engineering or security management plan.

Performs systems engineering planning, information security planning, performance management, capacity planning, testing and validation, risk assessment, benchmarking, information engineering, security impact analysis. Development and staffing of a systems engineering or security management plan. Supports other Sr. Systems Engineers and Program Managers, as required. Analyzes and develops technical documentation detailing the integration and system performance or information security. May analyze security implications of authentication and authorization of Cloud based services spanning all the Delivery Models (SaaS, PaaS, Iaas). Coordinates the activities of Systems Engineers and Jr. Systems Engineers assigned to specific systems engineering projects.
May analyze security implications of transitioning from IPv4 to Internet Protocol version 6 (IPv6). May perform other duties as assigned.

Acts as a lead in defining and executing integration engineering activities within a project. These activities may consist of concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation, and development and staffing of a systems integration plan.

Performs concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation. Development and staffing of a systems integration management plan.
3.Supports other Engineers and Program Managers, as required. Analyzes and develops technical documentation detailing the integration and system performance. Coordinates the activities of system integration engineers assigned to specific systems integration projects. May test implementation of Internet Protocol version 6 (IPv6). May perform other duties as assigned.

Under general supervision, engineers software solutions based upon client requirements. Generally reports to a Sr. Software Engineer and makes use of commercially-available or custom Computer Aided Software Engineering (CASE) tools as required also may utilize COTS products and techniques including Tomcat, PostgreSQL, Postgis, GML, KML, XML, web services, ArcSDE, ArcIMS, ArcSDE, ArcGIS Server, ArcIMS, and Oracle Spatial. Engineers software solutions based upon client requirements. Supports a Sr. Software Engineer as required. Uses commercially-available or custom CASE tools as required. Develops technical documentation detailing the project design parameters. May perform other duties as assigned.
Expert in single or multiple technical disciplines. Provides Expert guidance and insight into specific technologies and their application and independently performs a variety of system design and integration tasks where a specific subject matter expertise is necessary. Plans and performs research, design assessment, development, integration and other assignments in a specific technical area. Supervises broad team of systems engineers. Responsible for highly complex technical/engineering areas. May perform other duties, as assigned.
Supervises and manages the daily activities of configuration and operation of business systems which may be mainframe, mini, or client/server based. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using business systems.
Under general supervision, performs systems analysis of computer and communications/network systems. Performs systems installation of computer operating systems, network, and applications software, and computer/network hardware, hypervisors and other Cloud Computing infrastructure components, SOA software (ESBs, Web Servers, Business Process Software, Portal Servers). Provides hotline support to customers. Has ability to adapt to new situations and environments including GIS applications and requirements. Possesses keen troubleshooting skills to assist Sr. Systems Analysts. Performs systems analysis of computer and networking systems. Supports a Sr. Systems Analyst, as required. Provides overall integration of all systems peripherals so that they operate correctly within a predefined environment. Provides hotline support to customers. Develops technical documentation detailing the installation procedures. May perform other duties, as assigned.

Senior scientist who independently performs a variety of system design and engineering tasks which are broad in nature and are concerned with design and implementation of major enterprise systems development and integration, including supporting personnel, hardware, software, and support facilities and/or equipment. Supervises team of Sr. Systems Engineers, Network Engineers, Sr. Network Engineers, and Network Engineers through project completion and is considered a Subject Matter Expert (SME) in one or more specific areas of computer system design and networking.

Plans and performs systems and networking engineering research, design development, and other assignments in conformance with system and network design, engineering, and customer specifications. Supervises team of Sr. Systems Engineers, Systems Engineers, Sr. Network Engineers, and Network Engineers. Responsible for highly complex technical/engineering projects. Coordinates the activities of Sr. Systems Engineers, Systems Engineers, Sr. Network Engineers, and Network Engineers assigned to specific system and network engineering projects. Is the lead technical authority on the project. May be responsible for designing new Internet Protocol version 6 (IPv6) networks and/or planning transition from IPv4 to IPv6. May perform other duties, as assigned.

Under general supervision, defines and executes systems engineering activities within a project. These activities may consist of systems planning, information security planning, performance management, capacity planning, testing and validation, risk assessment, benchmarking, information engineering, and development and staffing of a systems engineering or security management plan.

Performs systems engineering planning, information security planning, performance management, capacity planning, testing and validation, risk assessment, benchmarking, information engineering, security impact analysis. Development and staffing of a systems engineering or security management plan. Supports a Sr. Systems Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance or information security. May analyze security implications of authentication and authorization of Cloud based services spanning all the Delivery Models (SaaS, PaaS, Iaas). Coordinates the activities of Systems Engineers and Jr. Systems Engineers assigned to specific systems engineering projects. May analyze security implications of transitioning from IPv4 to Internet Protocol version 6 (IPv6). May perform other duties as assigned.

Under general supervision, defines and executes integration engineering activities within a project. These activities may consist of concept exploration and assessment, systems integration GIS integration, legacy systems integration, performance management, technology assessment, testing and validation, and development and staffing of a systems integration plan.

Principal Duties and Responsibilities

Performs concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation. Supports a Sr. System Integration Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance. May test implementation of Internet Protocol version 6 (IPv6). May perform other duties as assigned.

Monitors and supports computer processing.

Coordinates input, output, and file media. Distributes output and controls computer operation which may be mainframe, mini, or client/server based.

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Minimum Educational/Degree Requirements and Minimum Years of Experience
A Bachelors Degree in Computer Science, Engineering, Business, Information Systems or other related scientific or technical discipline. Minimum of six (6) years progressive management experience in information systems development, project development from inception to deployment, demonstrated ability to provide technical guidance and direction in multiple tasks across several functional areas, and proven experience in the management and control of funds and resources, and exceptional oral and written communications skills. At least four years supervisory experience.
A Bachelors Degree in Computer Science, Engineering, Business, Information Systems or other related scientific or technical discipline. Minimum of two (2) years progressive project experience, most of which must have been in a specialized area, in information systems development, project development from inception to deployment; demonstrated ability to manage and provide technical guidance and direction in multiple tasks across several functional areas, and excellent oral and written communications skills. At least one (1) year supervisory experience.
A Bachelors Degree in Computer Science, Engineering, Business, Information Systems or other related scientific or technical discipline is preferred. An Associates Degree in a technical discipline or training from the Project Management Institute is required. Must have four (6) years of general experience including two (3) years of specialized experience of which one (2) year were direct supervisory experience and involved managing or supporting the management of information systems-related tasks.

Bachelor's Degree in business; business management; financial management; systems management; computer science; engineering; physics; math; behavioral science or related areas. Masters Degree preferred. Educated and experienced computer professional, analyst, or engineer who has solved some challenging technology-based problems. A subject matter expert in engineering, science, or finance and has a track record of applying sound analysis, business, and scientific expertise and practices to solve a wide variety of technology-based customer problems. These may include re-engineering efforts of financial processes and systems; applying accepted technologies in systems, experiments, and demonstrations; and introducing into systems the application of current technological developments. Consultant must have six (6) years of experience providing this type of support. Consultant must have substantial expertise in the one of the following areas: financial management; systems management; computer science; engineering; behavioral science or related areas.
A Bachelors Degree in Computer Science, Information Systems or other related scientific or technical discipline. Minimum of three (3) year experience in design, analysis, and implementation of information systems architecture.
A Bachelors Degree in Computer Science, Electrical Engineering, Information Systems or other related scientific or technical discipline and typically, an advanced degree or specialized certification. Minimum of eight (8) years experience in systems engineering design, analysis, integration, and life cycle engineering support of large information systems projects. At least two years supervisory experience.
A Bachelors Degree in Computer Science, Electrical Engineering, Information Systems or other related scientific or technical discipline. Minimum of eight (8) years experience in systems engineering design, analysis, integration, and life cycle engineering support of large information systems projects. At least two years supervisory experience.
A Bachelors Degree in Computer Science, Electrical Engineering, Information Systems or other related scientific or technical discipline. Minimum of five (5) years experience in systems engineering design, analysis, integration, and life cycle engineering support of large information systems projects.

A Bachelors Degree in Computer Science, Electrical Engineering, Information Systems or other related scientific or technical discipline. Minimum of two (2) year experience in systems engineering design, analysis, integration, and life cycle engineering support of large information systems projects.
A Bachelors Degree in Computer Science, Electrical Engineering, Information Systems or other related scientific or technical discipline. Entry-level position in systems engineering design, analysis, integration, and life cycle engineering support of large information systems projects.
A Bachelors Degree in Computer Science, Electrical Engineering, Information Systems or other related scientific or technical discipline and typically, an advanced degree or specialized certification. Minimum of eight (8) years experience in computer programming and analysis of complex information systems application and operating system software. At least two years supervisory experience.
A Bachelors Degree in Computer Science, Information Systems or other related scientific or technical discipline. Minimum of five (5) years experience in computer programming and analysis of complex information systems application and operating system software.
A Bachelors Degree in Computer Science, Information Systems or other related scientific or technical discipline. Minimum of three (3) years experience in computer programming and analysis of complex information systems application and operating system software.
An Associates Degree, or at least two years work toward a Bachelors Degree in Computer Science, Information Systems or other related scientific or technical discipline. This is an entry-level position in computer programming and analysis of complex information systems application and operating system software.
A Bachelors Degree in Computer Science, Mathematics, Engineering, Information Systems or other related scientific or technical discipline. Minimum of five (7) years experience in systems analysis and design of large information systems programs, and at least three (3) years experience in information technology. At least two (2) years supervisory experience.

A Bachelors Degree in Computer Science, Mathematics, Engineering, Information Systems or other related scientific or technical discipline. Minimum of five (5) years experience in systems analysis and design of large information systems programs, and at least two (2) years experience in information technology.
A Bachelors Degree in Computer Science, Mathematics, Engineering, Information Systems or other related scientific or technical discipline. Minimum of three (3) years experience in systems analysis and design of large information systems programs, and at least one (1) years experience in information technology.
A Bachelors Degree in Computer Science, Mathematics, Engineering, Information Systems or other related scientific or technical discipline. Minimum of four (4) years experience in IT and IT-related work. At least two (2) years experience in IT and IT related quality assurance.
A Bachelors Degree in Computer Science, Electronics Engineering, Information Systems or other related scientific or technical discipline. Minimum of five (5) years experience in administration, management, hardware/software selection, integration, troubleshooting and maintenance, and end user support of computer and telecommunications networks including LAN/WAN/MAN topologies.
A Bachelors Degree in Computer Science, Electronics Engineering, Information Systems or other related scientific or technical discipline. Minimum of three (3) years experience in information systems communication networks design, analysis, integration, hardware/software selection, integration, and end user support of complex networks.

A High School diploma, GED, or equivalent experience. Two (2) general years experience testing, repairing, troubleshooting or equipment.
A High School diploma, GED, or equivalent experience in a related discipline, often coupled with training or certification. Minimum of two (2) years of experience. Experience includes knowledge of operating systems as well as networking and mail standards and work on a help desk. General experience includes information systems development and other work in the client/server field, or related fields.
A High School diploma, GED, or equivalent experience in a related discipline. Two (2) years experience with operation on large scale computer systems or multi-server local area networks. Must demonstrate sufficient knowledge of programming to understand software / hardware interaction. Knowledge and experience with a wide variety of hardware platforms and their associated peripherals and software applications.
A Bachelors Degree in Computer Science, Engineering, Business, English, Management Sciences, Information Systems or other related scientific or technical discipline. Minimum of four (4) years experience in writing and editing technical documentation and literature of modem, complex information systems, in accordance with applicable government and industry writing standards.
An Associates Degree in a related discipline or five (5) additional years of experience. Minimum of ten (10) years of experience with thorough knowledge of most commonly used word processing packages (i.e. WordPerfect and MS Word) and with database and spreadsheet packages (i.e. Lotus 123 and MS Excel).
An Associates Degree in a related discipline or four (4) additional years of experience. Minimum of five (5) years of experience with thorough knowledge of most commonly used word processing packages (i.e. WordPerfect and MS Word) and with database and spreadsheet packages (i.e. Lotus 123 and MS Excel).

A High School diploma, GED, or equivalent experience in a related discipline. A minimum of three (3) years of experience with thorough knowledge of most commonly used word processing packages (i.e. WordPerfect and MS Word). Familiar with database and spreadsheet packages (i.e. Lotus 123 and MS Excel).

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s of vital importance to the nation and the world, in national security, Defense, the intelligence community, the U.S. Department of eospatial Engineering and Software Engineering for the United States ıce to software development, modification and maintenance services, currently available under SAIC's GSA IT Schedule for use on the IITA

Minimum Years of Experience and Minimum Educational/Degree
High School Diploma or G.E.D. or other equivalent degree program.

Bachelor's degree or equivalent and 1 year of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, no experience is required.
Bachelor's degree or equivalent and 3 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree 1 year of general experience is required.
Bachelor's degree or equivalent and 5 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 3 years of general experience is required. With a PhD, 1 year of general experience is required.

Bachelor's degree or equivalent and 7 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 5 years of general experience is required. With a PhD, 3 year of general experience is required.
Bachelor's degree or equivalent and 9 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 7 years of general experience is required. With a PhD, 5 years of general experience is required.

High School Diploma or equivalent and 2 years of general experience. There is no experience substitution for a High School Diploma, however a G.E.D., other degree equivalency program, or a technical trade school certificate is acceptable. With a Bachelor's degree no experience is required.
Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.
Pursuing a Bachelor's degree or equivalent and 1 year of general experience. Three (3) years of general experience is equivalent to pursuing a Bachelor's degree. With a Bachelor's degree, no experience is required.

Bachelor's degree or equivalent and 1 year of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, no experience is required.
Bachelor's degree or equivalent and 5 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 3 years of general experience is required. With a PhD, 1 year of general experience is required.

Bachelor's degree or equivalent and 9 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 7 years of general experience is required. With a PhD, 5 years of general experience is required.

Bachelor's degree or equivalent and 9 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 7 years of general experience is required. With a PhD, 5 years of general experience is required.
High School Diploma and five (5) years of experience.

Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.
Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.
Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.

A Doctorate in Computer Science, Electrical or Electronics Engineering, Information Systems, or equivalent and 8 years general work experience in telecommunications. A Master's Degree in Computer Science, Electrical or Electronics Engineering, Information Systems, or equivalent and 10 years experience or a Bachelor's Degree in Computer Science, Electrical Engineering, Information Systems, or equivalent and 12 years experience are considered equivalent to a Doctorate and 8 years experience.
Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's degree, 3 years of general experience is required. With a PhD, 1 year of general experience is required.
High School Diploma or equivalent and two (2) years experience in ADP Systems Analysis/Programming, ADP operations, production control/support activities, etc. Specialized: Six (6) months experience in an ADP Scheduling/Production environment or equivalent ADP support function. Directly related technical education/training may be substituted on the basis of one (1) month of training for one (1) month of experience not to exceed six (6) months. No further substitution of education for experience is permitted.

Bachelor's Degree or equivalent and 10 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, eight (8) years of general experience is acceptable. With a PhD, 6 year of general experience is required.
Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.
Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.

Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.
Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, four (4) years of general experience is required. With a PhD, 2 year of general experience is required.
Bachelor's Degree or equivalent and 15 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, thirteen (13) years of general experience is acceptable. With a PhD, 11 year of general experience is required.

Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is acceptable. With a PhD, 4 years of general experience is required.
Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is required. With a PhD, 4 years of general experience is required.
Bachelor's Degree or equivalent and 12 years of general experience. 6 years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, 10 years of general experience is required. With a PhD, 8 year of general experience is required.

Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is required. With a PhD, 1 year of general experience is required.
Bachelor's Degree or equivalent and 17 years of general experience. 6 years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, 15 years of general experience is required. With a PhD, 13 year of general experience is required.
Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's degree no experience is required.
Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is acceptable. With a PhD, 1 year of general experience is required.

Master's Degree or equivalent and 10 years of general experience. A Bachelor's Degree and 9 years of general experience is equivalent to a Master's Degree or a High School Diploma (or equivalent) and 15 years of general experience is considered equivalent to a Master's Degree. With a Doctorate, eight (8) years of general experience is acceptable.
Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is required. With a PhD, 1 year of general experience is required.

Bachelor's Degree or equivalent and 8 years of general experience. 6 years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, 6 years of general experience is required. With a PhD, 4 year of general experience is required.
High School Diploma and 2 years of general experience. There is no experience substitution for a High School Diploma, however a G.E.D., other degree equivalency program, or a technical trade school certificate is acceptable. With a Bachelor's degree no experience is required.